

Europäisches Patentamt

**European Patent Office** 

Office européen des brevets



EP 1 071 287 A3

(12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 28.03.2001 Bulletin 2001/13

(51) Int. Cl.<sup>7</sup>: H04N 7/173

(11)

(43) Date of publication A2: 24.01.2001 Bulletin 2001/04

(21) Application number: 00305841.9

(22) Date of filing: 11.07.2000

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 19.07.1999 US 356979

(71) Applicant: LUCENT TECHNOLOGIES INC. Murray Hill, New Jersey 07974-0636 (US) (72) Inventors:

- Blahut, Donald Edgar Holmdel, New Jersey 07733 (US)
- Rosenthal, Eugene J.
   Edison, New Jersey 08817 (US)
- (74) Representative:

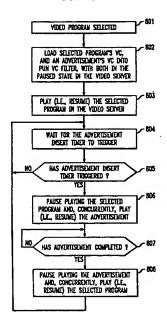
Watts, Christopher Malcolm Kelway, Dr. et al Lucent Technologies (UK) Ltd, 5 Mornington Road Woodford Green Essex, IG8 0TU (GB)

## (54) Television advertisement delivery system and method

An advertisement delivery system employs an (57)advertisement delivery service that discourages viewers from channel surfing. To this end, advertisers agree to pay at least a portion, if not all, of the consumer's premium video services charges, if in turn, the consumer agrees to watch the advertisements targeted to him/her as a function of an agreed upon interest profile. Viewers and advertisers subscribe to the advertisement delivery service, and deliver specific advertisements to a subscriber as a function of, for example, the particular household it is being delivered to, type of program, time of day, day of the week, a subscriber's interest profile or the like. To this end, television programming and advertisements are supplied to subscribers from a central video server that is informed when a subscriber has made a change in the channel being viewed. Additionally, the video server can insert point-to-point advertisements, i.e., insert different advertisements directed toward different viewers or groups of views, even if the program to be viewed is a broadcast program. Channel surfing is discouraged in one embodiment of the invention by supplying the same advertisement in the same commercial interval to all the subscribed channels for a particular subscriber. In another embodiment of the invention, when channel surfing is initiated while an advertisement is playing, the advertisement playout is "paused" until the subscriber returns to the original channel that was being viewed. Once the subscriber returns to the original channel, the playing out of the advertisement is automatically resumed. In still another

embodiment of the invention, the subscriber is controllably inhibited from selecting a channel other than the one presently being viewed during the commercial intervals.

FIG. 8





## **EUROPEAN SEARCH REPORT**

Application Number EP 00 30 5841

Category		dication, where appropriate,	Relevant	CLASSIFICATION OF THE	
-alegory	of relevant passa		to claim	APPLICATION (Int.Ci.7)	
X	WO 95 15658 A (DISC 8 June 1995 (1995-0 * page 41, line 1 - figures 3,7 *	OVERY COMMUNICAT INC) 6-08) page 46, line 23;	1,9,10, 18-20	H04N7/173	
A	AL) 8 September 199 * column 1, line 36	UREGARD ROBERT G ET 8 (1998-09-08) - column 2, line 2 * - column 5, line 30 *	1-3, 10-12		
A	EP 0 680 214 A (AT 2 November 1995 (19 * the whole documen	95-11-02)	1-29		
				TECHNICAL FIELDS SEARCHED (Int.Cl.7)	
				HO4N	
	The present search report has b	een drawn up for all claims			
	Place of search	Date of completion of the search	<u> </u>	Examiner	
	THE HAGUE	8 February 2001	Bea	udoin, O	
CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		E : earlier patent do after the filing dat p : document cited i L : document cited f	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons  8: member of the same patent family, corresponding document		

EPO FORM 1503 03.82 (PO4C01)

## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 00 30 5841

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

08-02-2001

US 5798785 A 25-08-19 AT 197659 T 15-12-20 AU 693148 B 25-06-19 AU 1430695 A 19-06-19 BR 9408211 A 26-08-19 CA 2177153 A 08-06-19 EP 0732031 A 18-09-19 ES 2151590 T 01-01-20 JP 9510327 T 14-10-19 NZ 278185 A 27-04-19 US 6160989 A 12-12-20 AU 1333795 A 19-06-19 CA 2177154 A 08-06-19 US 5805974 A 08-09-1998 NONE  EP 0680214 A 02-11-1995 US 5532735 A 02-07-19 CA 2145565 A 30-10-19	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5805974 A 08-09-1998 NONE  EP 0680214 A 02-11-1995 US 5532735 A 02-07-19	WO 9515658	A 08-06-1995	US 5798785 A AT 197659 T AU 693148 B AU 1430695 A BR 9408211 A CA 2177153 A DE 69426308 D EP 0732031 A EP 0963116 A ES 2151590 T JP 9510327 T NZ 278185 A US 6160989 A AU 1333795 A CA 2177154 A EP 0732027 A JP 9506225 T	04-02-199 25-08-199 15-12-200 25-06-199 26-08-199 26-08-199 21-12-200 18-09-199 08-12-199 27-04-199 27-04-199 12-12-200 19-06-199 08-06-199 17-06-199
CA 2145565 A 30-10-19	US 5805974	A 08-09-1998		
	EP 0680214	A 02-11-1995	CA 2145565 A	02-07-199 30-10-199 14-11-199

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82